Page 1 of 20

EXAMINER: Ini	tial if	roter	ence consider	ed, whether or r	not citation is in conformance w Lude copy.of this form with next	ith M	PEP 609	. Draw line	through		
EXAMINER		//	212			DATI	CONSID	ERED 5/	pla		
ην	AT	Brumbaugh, J.A., et al., "Continuous, on-line DNA sequencing using oligodeoxynucleotide primers with multiple fluorophores, Proc. Natl. Acad. Sci. USA 85:5610-5614 (1988)									
M	AS	1	Brown, P.O. precursor,	, et al., "Retro and a role for t	viral integration: Structure of he viral IN protein," <i>Proc. Nat</i>	the 1. Aca	initial ad. Sci.	covalent pr USA 86:2525	oduct and its 3-2529 (1989)		
1 <sup>m</sup>	AR	1	Beecham, J.		bal And Target Analysis of Comp			nomena," <i>And</i>	al. Instrum.		
	AP		OTHER (	Including Author	, Title, Date, Pertinent Pages,	etc.	)	J			
		1							Yes No		
	AO								Yes No		
	AN								Yes No		
N	AM1	wo 8	39/09835	10/19/1989	WIPO	_			No		
M	AL1	WO 8	39/09284	10/05/1989	WIPO	+			Yes No Yes		
EXAMINER INITIAL		DOCU	IMENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION		
	1			FORE I	GN PATENT DOCUMENTS	<u> </u>		<del></del>	<u> </u>		
	AK										
	AJ	1									
in	AH1	5,72	3,591	03/03/1998	Livak et al.	530	<u> </u>	22.1	11/13/1993		
40.	AG1	<del>                                     </del>	8,848 •	07/23/1996	Livak et al.	43!		6	11/16/1994		
	AF1	5,01	1,769	04/30/1991	Duck et al.	43!		6	04/29/1988		
	AE1	4,99	6,143	02/26/1991	Heller et al.	43!		6	04/13/1990		
	AD1	-	6,187	10/24/1989	Duck et al.	43!	5	6	12/05/1985		
	AC1	1	3,202	07/28/1987	Mullis et al.	435	5	91	10/25/1985		
<del>- ///_</del> -	AB1		3,195	07/28/1987	Mullis et al.	435	5	6	02/07/1987		
11L	AA1	<del>                                     </del>	MENT NUMBER 3,194	07/28/1987	Saiki et al.	435		6	03/28/1985		
EXAMINER		DOC! "	MENT NUMBER	DATE	NAME	CLA	155	SUB-CLASS	FILING DATE		
				U.S.	PATENT DOCUMENTS						
					FILING DATE April 30, 1998		GROUP 1634				
<u>IN</u>	FORMAT I	ON DIS	CLOSURE STATE	MENT	HAN et al.						
		FORM P	то-1449		APPLICANT		101,001				
					ATTY. DOCKET NO.						
IN	FORMA			FORM PTO-1449	FORM PTO-1449 TION DISCLOSURE STATEMENT	FORM PTO-1449  APPLICANT HAN et al.	FORM PTO-1449  FION DISCLOSURE STATEMENT  O654.0630002  APPLICANT HAN et al.	0654.0630002   09/069	0654.0630002   09/069,847		

Page 2 of 20

									rage 2 01 20
					ATTY. DOCKET NO. 0654.0630002	-	APPLIC 09/069	CATION NO.	
		FORM I	PTO-1449	•	APPLICANT				
<u>1</u>	NFORMAT I	ON DIS	CLOSURE STATE	<u>EMENT</u>	HAN et al.	-	GROUP	***	
					FILING DATE April 30, 1998		1634		
				u.s.	PATENT DOCUMENTS				
EXAMINER							• • • •	01/2 01 400	
INITIAL	+	DOCU	MENT NUMBER	DATE	NAME	1 61.	ASS	SUB-CLASS	FILING DATE
	AA AB	†						1	
	AC	1						1.	
	AD								
	AE								
	AF								W
	AG								
	АН								
	AI								
	AJ								
	AK								
				FOREI	GN PATENT DOCUMENTS				
EXAMINER INITIAL		DOCU	IMENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION
	AL								Yes No
					,				Yes
	AM	-	<del></del>						No Yes
	AN	-							No Yes
	AO				· · · · · · · · · · · · · · · · · · ·				No
	АР	<u> </u>							Yes No
			OTHER (	Including Author	, Title, Date, Pertinent Pa	ges, etc.	)		
M	AR	<u>2</u>	Bushman, F.I vitro: Spec (1991)	D., <i>et al</i> ., "Acti ific cleavage and	vities of human immunodefic d integration of HIV DNA," /	ciency vir Proc. Natl	us (HIV . Acad.	) integration Sci. USA 88	on protein <i>in</i> :1339-1343
gn	AS	<u>2</u>	Cardullo, R resonance e	.A., <i>et al</i> ., "Det nergy transfer,"	ection of nucleic acid hybr Proc. Natl. Acad. Sci. USA	ridization 85:8790-8	by non 794 (198	radioactive 38)	fluorescence
N	AT	<u>2</u>	Carraway, K Plasma Memb (1989)	.L., et al., "Vis ranes by Fluoreso	sualization of Epidermal Gro cence Resonance Energy Trans	owth Facto	or (EGF) Biol. C	Receptor Ag hem. 264(15)	ggregation in :8699-8707
EXAMINER	•	N	11			DATE	CONSID	ERED 5//	ih
EXAMINER: Ini	tial if	refere	ence consider	ed, whether or no	ot citation is in conformanded copy of this form with a	ce with MF	EP 609.	Draw line	through

.

٠.

Page 3 of 20

	<u> </u>				ATTY. DOCKET NO. 0654.0630002		APPLICA 09/069,	TION NO. 847				
		FORM PT	0-1449		APPLICANT							
<u>I N</u>	FORMAT I	ON DISC	LOSURE STATE	MENT	HAN et al. FILING DATE	·- ·	GROUP					
					April 30, 1998		1634					
				U.S	. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUM	ENT NUMBER	DATE	NAME	CI	LASS	SUB-CLASS	FILING DATE			
	AA											
	AB											
	AC	<u> </u>										
	AD											
	AE											
	AF											
	AG											
	АН											
	AI			<u> </u>								
	AJ			<u> </u>								
	AK			<u> </u>								
	. <del></del>			FORE	IGN PATENT DOCUMENTS			<u></u> .	т			
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	с	LASS	SUB-CLASS	TRANSLATION			
	AL								Yes No			
	АМ								Yes No			
							· · · · ·		Yes No			
	AN								Yes No			
	AO	<del>                                     </del>							Yes No			
	AP								NO			
			OTHER	(Including Autho	r, Title, Date, Pertinen	t Pages, etc	:.)					
J~	AR	<u>3</u>	Chen, R.F., Attached to	, and Scott, C.H o Protein," <i>Anal</i>	., "Special Review: Atlas . <i>Lett. 18(A4)</i> :393-421 (1	s of Fluores 985)	cence Spe	ctra and Li	fetimes of Dyes			
12	AS	3	Chollett, a	A., and Kawashim and uses as hybr	a, E.H., "Biotin-tabeled idization probes," <i>Nuclei</i>	synthetic o ic Acids Res	ligodeoxy . <i>13(5)</i> :15	ribonucleot 529-1541 (19	ides: chemical 985)			
12	AT	3	Chow et al., "Reversal of Integration and DNA Splicing Mediated by Integrase of Human Immunodeficiency Virus," Science 255:723-726 (1992)									
EXAMINER		1M 1	W			DA	TE CONSID	ERED 5/	13/51			
EVANINES		// /	neo concido	ured whether or	not citation is in confo	rmance with	MPEP 609.	. Draw line	e through			
citation if n	itial 1º ot in c	i retero onforman	nce and not	considered. In	lude copy of this form w	ith next con	mmunicatio	on to Applia	cant.			

					ATTY. DOCKET NO. 0654.0630002		APPLICA 09/069	ATION NO.			
		FORM F	PTO-1449		APPLICANT	<del></del>	1007000				
<u> I N</u>	IFORMAT I	ON DIS	CLOSURE STATE	MENT	HAN et al.						
					FILING DATE April 30, 1998		GROUP 1634				
				U.S.	PATENT DOCUMENTS						
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CL	.ASS	SUB-CLASS	FILING DATE		
	AA										
	AB										
	AC										
	AD				· · · · · · · · · · · · · · · · · · ·						
	AE										
	AF	_									
	AG				,						
	AH										
	AI	<del> </del>									
	AJ	-	<del> </del>								
	AK			FORTI	CH DATENT DOCUMENTS			1			
	т	-τ		FOREIG	GN PATENT DOCUMENTS			T ·			
EXAMINER INITIAL	ļ	DOCL	JMENT NUMBER	DATE	COUNTRY	Cı	ASS	SUB-CLASS	TRANSLATION		
	AL								Yes No		
	AM								Yes No		
	AN								Yes No		
									Yes No		
	AO								Yes		
	AP				<u> </u>				No		
	1	т—	OTHER (	(Including Author	, Title, Date, Pertinent	Pages, etc	.)				
Ju	AR	4	Chu, B.C.F. Short Bioti	, and Orgel, L.E n-Labeled Probes	., "Laboratory Methods: 0," <i>DNA 4(4)</i> :327-331 (198	Detection ar 5)	nd Specif	fic DNA Sequ	ences With		
n	AS	4	Clavel, F., 1459 (1989)		c ecombination of Human	Immunodefici	ency Vir	rus," J. Viro	o1. 63(3) <b>:1455-</b>		
M	AT	Clegg, R.M., et al., "Fluorescence Resonance Energy Transfer Analysis of the Structure of the Four-Way DNA Junction," Biochem. 31:4846-4856 (1992)									
EXAMINER	1	11	112			DAT	E CONSID	ERED 5/1	Jan		
EXAMINER: Ini	itial ii	rofer	ence consider	red, whether or n	ot citation is in confor ude copy of this form wi	rmance with	MPEP 609	. Draw line	through		

		·····			ATTY. DOCKET NO. APPLICATION NO. 0654.0630002 09/069,847						
		FORM P	TO-1449		APPLICANT HAN et al						
IN	FORMATIC	ON DISC	LOSURE STATE	MENT	FILING DA	· · · · · · · · · · · · · · · · · · ·	G	ROUP			
					April 30,		1	634			
	ı			U.S.	PATENT DOCL	JMENTS	т	—-Т	-		
EXAMINER INITIAL		DOCUM	IENT NUMBER	DATE	NAME		CLASS	s	SUB-CLASS	FILING DATE	
	AA										
	AB	<u> </u>					4				
	AC						-				
	AD										
	AE	<u> </u>					-				
	AF	-									
	AG	<del> </del>					_	<u> </u>			
	AH	-						<del></del>			
	AI	<del> </del>						<del></del>			
	AJ										
	AK	<u> </u>		FORE 1	GN PATENT DO	CLIMENTS					
EVANINED		I		POREIG	IN PATENT DO	CONENTS	1		<del> · .</del>		
EXAMINER INITIAL		DOCUN	MENT NUMBER	DATE	COUNTRY		CLAS	s	SUB-CLASS	TRANSLATION	
	AL					•				Yes No	
										Yes No	
	AM	<b> </b>								Yes	
	AN	1					<del> </del>			No Yes	
	AO						<del> </del>			No Yes	
	AP	<u>l</u>								No	
			OTHER (	Including Author	, Title, Dat	e, Pertinent Pages,	etc.)				
Sh	AR	<u>5</u>	Connolly, B terminus,"	.A., "The synthes Nucleic Acids Res	sis of oligo . <i>15(7)</i> :3131	nucleotides containi -3139 (1987)	ng a pr	rimary	amino grouµ	o at the 5'-	
12	AS	<u>5</u>	Conrad, R.H Dimethylami (1968)	., and Brand, L., nonapthalene-5-su	, "Intramole ulfonamide i	cular Transfer of Ex n a Series of Model	citatic Compour	on from nds," <i>B</i>	Tryptopha iochemistry	n to 1- / 7(2):777-787	
12	АТ	<u>5</u>	Cooper, J.P., and Hagerman, P.J., "Analysis of Fluorescence Energy Transfer in Duplex and Branched DNA Molecules," <i>Biochemistry 29</i> :9261-9268 (1990)								
EXAMINER			m, 2				DATE C	CONSIDE	RED 5//	13/2,	
EXAMINER: Init	tial if	refere	ence consider	red, whether or no	ot citation	is in conformance wi this form with next	ith MPE	P 609.	Draw line to Applic	through ant.	

Page 6 of 20

		<u>-</u>			ATTY. DOCKET NO. APPLICATION NO. 0654.0630002 09/069,847							
		FORM F	PTO-1449		APPLICANT							
<u>1N</u>	FORMATI	ON DIS	CLOSURE STATE	MENT	HAN et al. FILING DATE		GROUP	·				
					April 30, 1998		1634					
				U.S.	PATENT DOCUMENTS							
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLA	ıss	SUB-CLASS	FILING DATE			
	AA											
	AB											
	AC	<del> </del>						<del></del>				
	AD											
	AE	+										
	AF	<del> </del>				_						
	AG								-			
	AH	-				_	-					
	AI	+		· · · · · · · · · · · · · · · · · · ·		+						
	AJ AK	-										
-	AK			FOREIG	GN PATENT DOCUMENTS							
EXAMINER		$\top$		I	TATELLI DOGGLERA		***					
INITIAL		DOCU	JMENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION			
									Yes No			
	AL	-							Yes No			
	AM								Yes			
	AN					-			No Yes			
	AO		<del></del>						No			
	AP								Yes No			
			OTHER (	Including Author	, Title, Date, Pertinent Pages	, etc.	)					
JL	AR	<u>6</u>	Craigie, R. Ends and Ac	, <i>et al</i> ., "The IN complishes Their	N Protein of Moloney Murine Leu Integration In Vitro," <i>Cell 62</i>	ukemia ?:829-8	Virus P 337 (1999	rocesses the	e Viral DNA			
R	AS	Craigle R. et al. "A rapid in vitro assay for HIV DNA integration," Nucleic Acids Res.										
n	AT	<u>6</u>	Donehower, defective i	L.A., et al., "A n a function aff	mutant murine leukemia virus o ecting integration," <i>Proc. Nati</i>	with a 1. Acad	single 1. Sci. l	missense co JSA 81:6461-	don <i>pol</i> is 6465 (1984)			
EXAMINER	1	_ No	112			DATE	CONSID	ERED 5/	7/02			
EXAMINER: Ini	tial if	refer	rence consider	red, whether or ne	ot citation is in conformance ude copy of this form with nex	with M	PEP 609. unicatio	Draw line on to Applic	through			

Page 7 of 20

-					ATTY. DOCKET NO. 0654.0630002		APPLICA 09/069	ATION NO. ,847			
	•	FORM P	то-1449		APPLICANT						
IN	FORMATIO	ON DISC	LOSURE STATE	MENT	HAN et al.	···	Lengun				
					FILING DATE April 30, 1998		GROUP 1634				
				u.s.	PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUM	IENT NUMBER	DATE	NAME	CL	ASS_	SUB-CLASS.	FILING DATE		
	AA										
	АВ				<u> </u>						
	AC										
	AD	<u> </u>									
	AE										
	AF	<u> </u>							· · · · · · · · · · · · · · · · · · ·		
	AG	<u> </u>									
	AH	ļ	•								
	AI	<u> </u>									
	AJ										
	AK					<u> </u>			<u> </u>		
				FOREI	GN PATENT DOCUMENTS			1 · · · · ·	T		
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CL	.ASS	SUB-CLASS	TRANSLATION		
	AL								Yes No		
	АМ								Yes No		
	AN								Yes No		
									Yes No		
	AO	1	····						Yes No		
	AP	<u>. L </u>	· · · · · · · · · · · · · · · · · · ·		Title Date Dentinent D		`				
			OTHER (	Including Author	, Title, Date, Pertinent P	ages, etc.	.)	<del></del>			
AL	AR	7	Dreyer, G.B Oligodeoxyn	., and Dervan, P ucleotide-EDTA•F	.B., "Sequence-specific cle e(II)," <i>Proc. Natl. Acad</i> . S	eavage of Sci. USA 82	single s 2:968-977	tranded DNA 2 (1985)	:		
02	AS	7	Engelman, A Transfer,"	., et al , "HIV- Cell 67:1211-122	1 DNA Integration: Mechanis 1 (1991)	sm of Vira	l DNA Cl	eavage and I	DNA Strand		
n	AT	7	Forster, V.T., "Zwischenmolekulare Energiewanderung und Fluoreszenz," Ann. Phys. (Leipzig) 2:55-75 (1948)								
EXAMINER	<u>.                                    </u>	1	1h	12	-	DAT	E CONSID	ERED 5/	13/94		
EXAMINER: Ini	tial if	refere	ence consider	red, whether or n	ot citation is in conforma ude copy of this form with	nce with M	MPEP 609. nunicatio	Draw line	through		

Page 8 of 20

					ATTY. DOCKET NO. APPLICATION NO. 0654.0630002 09/069,847				
		FORM PT			APPLICANT HAN et al.				
<u>I N</u>	FORMAT I	ON DISC	LOSURE STATE	<u>MENT</u>	FILING DATE April 30, 1998		GROUP 1634		
				U.S	S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUM	ENT NUMBER	DATE	NAME	CL	ASS	SUB-CLASS	FILING DATE
	AA								
	AB								
	AC								
	AD								
	AE	+-							
	AF	<del> </del>							
	AG			<u>_</u>					
	AH		<del> </del>						
	AI	+-							
	AJ	+							
	AK			FORE	EIGN PATENT DOCUMENTS				
	<del></del>	T		1 0 0 0	LIGHT / // LW DOGS.		-		
EXAMINER INITIAL	<u> </u>	DOCUI	MENT NUMBER	DATE	COUNTRY		LASS	SUB-CLASS	TRANSLATION Yes
	AL								No
	T								Yes No
	AM	_							Yes No
<u> </u>	AN		· .					1	Yes
	AO								No Yes
	AP		•						No
			OTHER	(Including Auth	or, Title, Date, Perti	nent Pages, etc	)	<u> </u>	.,
M	AR	<u>8</u>	Freifelder Massachuse	, D., Molecula tts, pp. 138 (1	r Biology, Second Edit 983)	ion, Jones and	Bartlett	Publishers,	Boston,
NL	AS	8	Fujiwara, 54:497-504	et al., "Retrov (1988)	iral DNA Integration:	Structure of an	Integra	tion Interme	ediate," Cell
M	АТ	8	Fujiwara, analysis d	T., et al., "In of retroviral in	ntegration of mini-retr ntegration," <i>Proc. Natl</i>	roviral DNA: A.c 1. Acad. Sci. US	ell-free A 86:3065	reaction fo 5-3069 (1989	or biochemical )
EXAMINER			mil			DA	TE CONSI	DERED 5/	3/21
EXAMINER: In	nitial i	$-\tau$		ered, whether o	r not citation is in co	onformance with	MPEP 609	). Draw lin	e through
citation if r	not in c	onforma	nce and not	considered. I	nclude copy of this for	rm with next co	mnunicati	ion to Appli	cant.

					<del></del>		r ·				
					ATTY. DOCKET NO. APPLICATION NO. 0654.0630002 09/069,847						
		FORM P	TO-1449		APPLICANT		1 077 007	, o			
I	IFORMAT I	ON DIS	CLOSURE STATE	MENT	HAN et al.		T				
					FILING DATE April 30, 1998		GROUP 1634				
				U.S.	PATENT DOCUMENTS						
EXAMINER	1	T									
INITIAL	<b>_</b>	DOCU	MENT NUMBER	DATE	NAME	CL.	ASS	SUB-CLASS	FILING DATE		
	AA	<u>.</u>									
	AB	╄							-		
	AC		<del></del>					-			
	AD										
	AE	┼				_					
	AF AG	<del>                                     </del>	<del></del>								
	AH	<del>                                     </del>							-		
	AI	+	<del></del>								
	AJ	<del>                                     </del>									
	AK		14								
				FORE I	GN PATENT DOCUMENTS						
EXAMINER	T										
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION		
	AL								Yes No		
	1.5	<b>†</b>							Yes		
	AM	<u> </u>							No.		
	AN	1							Yes No		
	<del>  ```</del>	<u> </u>							Yes		
	AO	ļ					· · · · · ·		No.		
	AP			1					Yes No		
	AP		OTHER (	Including Author	, Title, Date, Pertinent Page	s, etc.	)				
			OTHER !	thetaing varior	,						
W	AR	2	Ghosh, S.S. fluorescend	, et al., "Real t e resonance energ	time kinetics of restriction e gy transfer," <i>Nucleic Acids Re</i>	endonuc es. 22:3	lease cl 155-3159	eavage monis 9 (1994)	tored by		
12	AS	9	Gingeras, 6 activity ba K304 (Febru	ised on the fluore	ofluorometric method for measuescence polarization," <i>J. Bio</i>	urement 1. Chem	of rest . Suppl.	riction end 17(C): <b>173,</b>	onuclease Abstract No.		
11	AT	2	Glasner, et al., "Fast quantitative assay of sequence-specific endonuclease activity based on DNA sequencer technology," Biol. Chem. 373:1223-1225 (December 1992)								
EXAMINER			/// 1	2		DAT	E CONSID	ERED S	1/94		
EYAMINED. In	itial if	refer	ence consider	red, whether or no	ot citation is in conformance	with M	PEP 609.	. Draw line	through		
citation if no	ot in co	nforma	nce and not o	considered. Incl	ude copy of this form with ne	xt comm	unicatio	on to Applic	ant.		

Page 10 of 20

	· · · - ·	<del></del>			ATTY. DOCKET NO. 0654.0630002		APPLICA 09/069,	TION NO. 847				
		FORM P	TO-1449		APPLICANT							
<u>1 N</u>	FORMAT I	ON DISC	LOSURE STATE	MENT	HAN et al. FILING DATE April 30, 1998		GROUP 1634					
				U.S.	PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUM	MENT NUMBER	DATE	NAME	CL	.ASS	SUB-CLASS	FILING DATE			
	AA											
	AB											
	AC					<del></del>						
	AD											
	AE	ļ										
	AF	<del>_</del>										
	AG											
	AH											
	AI	+										
	AJ											
	AK			<u></u>				<u>i</u>				
				FOREI	GN PATENT DOCUMENTS	<u> </u>	<del>-</del>	I				
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	С	LASS	SUB-CLASS	TRANSLATION			
	AL					·			Yes No			
	АМ								Yes No			
	AN								Yes No			
									Yes No			
	AO								Yes			
	AP		OTHER	(Including Author	, Title, Date, Pertinent	Pages etc	:-)	<u> </u>				
Pa	AR	10		ot 27 HA ct	able double-stranded DNA-e tion of DNA in agarose ge	ethidium ha	omodimer	complex: Ap ad. Sci. USA	plication to 4 <i>87</i> :3851-3855			
1	AS	S 10 Grandgenett, D.P., et al., "Unraveling Retrovirus Integration," Cell 60:3-4 (1990)										
n	AT	10	Hippenmeye Replicatio	Hippenmeyer, P.J., et al., "Requirement of Avian Retrovirus pp32 DNA Binding Protein Domain for Replication," <i>Virology 137</i> :358-370 (1984)								
EXAMINER		11	1/1/2				TE CONSID		13/20			
EXAMINER: In	itial i	f refer	ence conside	red, whether or a	not citation is in conform lude copy of this form wit	nance with thenext con	MPEP 609. municatio	. Draw lin on to Appli	e through cant.			

									rage II OI EO
					ATTY. DOCKET NO. 0654.0630002		APPLIC 09/069	ATION NO. 9,847	
		FORM P	TO-1449		APPLICANT				
<u> 1 N</u>	FORMATI	ON DISC	CLOSURE STATE	MENT	HAN et al. FILING DATE		GROUP	***************************************	
					April 30, 1998		1634		
	т	T		U.S.	PATENT DOCUMENTS	r		Τ	<u> </u>
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CL	ASS	SUB-CLASS	FILING DATE
	AA								
	АВ	<u> </u>	<u></u>					1	
	AC	<del> </del>							
	AD	+	<del></del>						
	AE AF	-							
	AG								
	AH	†	<del></del>		,				
	AI		<del></del>						
	AJ								
	AK							1	
				FORE I	GN PATENT DOCUMENTS				T
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION
1011175		1							Yes
	AL	ļ							No.
	АМ								Yes No
	AN								Yes No
	AN								Yes
	AO	-							No Yes
	AP								No
			OTHER (	Including Author	, Title, Date, Pertinent	Pages, etc.	)		
1 <sup>m</sup>	AR	<u>11</u>	Jablonski, use as hybr	E., et al., "Pre idization probes	paration of oligonucleoti ," <i>Nucleic Acids Res. 14(</i>	ide-alkaline 15):6115-612	phospha 8 (1986	atase conjug )	ates and their
12	AS	11	Jeltsch, A. of the DNA	, <i>et al.</i> , "A Fas Cleavage Activit	t and Accurate Enzyme-Lir y of Restriction Endonuc	nked Immunoso leases," <i>Ana</i>	orbent A 1. Bioch	Assay for th nem. 213:234	e Determination -240 (1993)
12	AT	11	Katz, R.A., of retrovir	et al., "Requir al integrase," P	ement for a conserved sei roc. Natl. Acad. Sci. USA	rine in both 89:6741-674	proces: 5 (1992	sing and joi )	ning activities
EXAMINER	1	N	in			DATE	CONSI	DERED 5/	7/51
EXAMINER: Ini	tial if	refere	ence consider	ed, whether or n	not citation is in conform	mance with M	PEP 609	. Draw line	through
1 .:	+ in co	nforma	nce and not d	considered Incl	ude conv of this form wi	th next comm	unicati	on to Applic	ant.

.

Page 12 of 20

	ATTY. DOCKET NO. APPLICATION NO. 0654.0630002 09/069,847											
	1	FORM PT	0-1449		APPLICANT			•				
. <u>IN</u>	FORMATIO	N DISCL	OSURE STATE	MENT	HAN et al.		Т,					
					FILING DATE April 30, 1998			GROUP 1634				
				U.S.	PATENT DOCUMENTS		-					
EXAMINER												
INITIAL		DOCUME	ENT NUMBER	DATE	NAME		CLAS	S	SUB-CLASS	FILING DATE		
	AA	<u> </u>	***				-					
	AB	ļ			<u> </u>							
	AC											
	AD						-		.,			
	AE .											
	AF		<u> </u>				-					
	AG	<u> </u>					╁┈┈					
-	AH						+			<u> </u>		
	AI						<del> </del>					
	AJ	<del>                                      </del>	<u></u>									
	AK	L		FORE	CH DATENT DOCUMENTS			l.				
	1	T		FOREI	GN PATENT DOCUMENTS	<u> </u>	1	T				
EXAMINER . INITIAL		DOCUM	ENT NUMBER	DATE	COUNTRY		CLAS	s	SUB-CLASS	TRANSLATION		
	AL									Yes No		
										Yes No		
	AM						1			Yes		
	AN									No Yes		
	AO									No Yes		
	AP									No		
			OTHER (	Including Author	, Title, Date, Pert	inent Pages,	etc.)					
12	AR	12	Katzman, M. Linear Vira	, et al., "The A l DNA at the In	vian Retroviral Int Vivo Sites of Integ	egration Prote ration," <i>J. Vi</i>	ein Cle rol. 6	eaves th	he Terminal 3319-5327 (	Sequences of 1989)		
12	AS	12	Knutson, J. Approach,"	R., et al., "Sim Chem. Phy. Lett.	ultaneous Analysis 102(6):501-507 (198	of Multiple Fl 33)	uoreso	cence Do	ecay Curves	s: A Global		
N	AT	12	Lee, S.P., Restriction	et al., "A Fluor Endonuclease,"	ometric Assay for D Anal. Biochem. 220::	NA Cleavage Re 377-383 (1994)	eaction	ns Chara	acterized w	with BamHI		
EXAMINER	I		M	112			DATE C	CONSIDER	RED 5/12	Fr		
EXAMINER: Init	ial if	referen formanc	nce consider ce and not c	ed, whether or n onsidered. Incl	ot citation is in c ude copy of this fo	onformance wit	th MPE	P 609. ication	Draw line to Applic	through ant.		

,

Page 13 of 20

									rage 15 01 20
v			•		ATTY. DOCKET NO. 0654.0630002		APPL 10	CATION NO.	
		FORM F	то-1449		APPLICANT		13,,30,		
IN	FORMAT I	ON DIS	CLOSURE STATE	MENT	HAN et al.				· · · · · · · · · · · · · · · · · · ·
<del>-</del>			<u> </u>		FILING DATE April 30, 1998		GROUP 1634		
				U.S.	PATENT DOCUMENTS				
EXAMINER		DOCI	MENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
INITIAL	AA	DOCO	MENI NUMBER	DATE	WAPIL			-	
	AB	†						<u> </u>	W
	AC	†							
	AD	1							
	AE	1							
	AF								
	AG								
	АН								
-	AI		<u></u>						
	AJ								
	AK								
				FOREI	GN PATENT DOCUMENTS				
EXAMINER							CLASS	SUB-CLASS	TRANSLATION
INITIAL		DOCL	MENT NUMBER	DATE	COUNTRY	<del>-</del>	CLASS	SUB-CLASS	Yes
	AL	ļ							No Yes
	АМ								No.
									Yes No
	AN								Yes
	AO								No Yes
	AP	<u> </u>		<u> </u>			1	_l	No
		· · ·	OTHER (	Including Author	, Title, Date, Pert	inent Pages, e	tc.)		2
M	AR	<u>13</u>	Lee, S.P., fluorogenic	et al., "Characte substrate," <i>Ana</i>	erization of endonuc 1. Biochem. 227: <b>295</b> -	cleolytic acti 301 (1995)	vity of HI	V-1 integras	e using a
02	AS	13	Matayoshi, Resonance E	E.D., <i>et al</i> ., "Nonergy Transfer,"	ovel Fluorogenic Sub Science 247:954-958	ostrates for A 3 (1990)	ssaying Re	troviral Pro	teases by
n	AT	13	Murchie, A. right-hande	I.H., et al., "F ed cross of antip	luorescence energy arallel molecules,"	transfer shows Nature 341:76	that the 3-766 (198	four-way DNA 9)	junction is a
EXAMINER	1	W	12				DATE CONSI	DERED 5/	3/29
EXAMINER: Ini	tial if	rofor	ence consider	red, whether or n	ot citation is in c ude copy of this fo	onformance wit	h MPEP 609	Draw line	through
icitation if no	T IN CO	ntorma	nce and not o	onstaered. Inct	due copy of tills to	ALLI INCAL			

								***	Fage 14 01 20
					ATTY. DOCKET NO. 0654.0630002			ICATION NO. 69,847	
		FORM F	PTO-1449	,	APPLICANT HAN et al.				
. <u>INI</u>	FORMATIC	ON DIS	CLOSURE STATE	<u>MENT</u>	FILING DATE April 30, 1998	······································	GROU 1634		
				U.S.	. PATENT DOCUMENTS				
EXAMINER		T							
INITIAL		DOCU	MENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE
	AA						<del> </del>		
	AB	╄							
	AC	<del> </del>					<u> </u>		
	AD	<del>                                     </del>					<del>                                     </del>		
	AE	╁					<del> </del>		
	AF	+-					<del> </del>		
	AG	+							
· · · · · · · · · · · · · · · · · · ·	AH	+					<del>†</del>		
	AJ	+			-		<del>                                     </del>		
	AK	+				<del> </del>	†		
	I AK	<u> </u>		FORF	GN PATENT DOCUMENTS				
EXAMINER	]	T					Ī		
INITIAL		DOCL	MENT NUMBER	DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION
	AL								Yes No
	АМ								Yes No
						44			Yes No
	AN	-							Yes
	AO	<del>                                     </del>	***				· · · · · · · · · · · · · · · · · · ·		No Yes
	AP						<u></u>		No.
			OTHER (	Including Author	, Title, Date, Pert	inent Pages,	etc.)		
An	AR	<u>14</u>	Ofengand, J the tertiar (1973)	., et al., "Use y structure of c	of photochemically ertain regions in t	induced cross- ransfer ribonu	linking a ucleic aci	s a conformat d," <i>Biochem</i> . 1	ional probe of 12:1977-1984
n	AS	14	Panganiban, integration (1984)	A.T., et al., " : Identification	The retrovirus <i>pol</i> : n of a retrovirus <i>in</i>	gene encodes a t locus," <i>Proc</i>	product . Natl. A	required for C Cad. Sci. USA	ONA 81:7885-7889
12	АТ	14	Ruth, J.L., (1985)	et al., "Linker	Arm Nucleotide Ana	logs Useful ir	n Oligonud	leotide Synth	esis," <i>DNA 4</i> :93
EXAMINER			M12				DATE CONS	IDERED 5/	345
EXAMINER: Init	tial if	refer	ence consider	ed, whether or r	not citation is in c	onformance with mext of	th MPEP 6	09. Draw line tion to Applic	through ant.

		,	1		ATTY. DOCKET NO. 0654.0630002		APPLIC 09/069	ATION NO. ,847	7 age 15 01 20		
		FORM	PTO-1449		APPLICANT	/					
<u>1</u>	NFORMAT	ION DIS	SCLOSURE STATE	MENT	FILING DATE April 30, 1998		GROUP 1634				
				U.S	. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCL	JMENT NUMBER	DATE	NAME	CL	ASS	SUB-CLASS	FILING DATE		
	AA										
	AB										
	AC										
	AD										
	AE										
	AF										
	AG										
•	АН										
	AI										
	AJ										
	AK										
		•		FORE I	GN PATENT DOCUMENTS						
EXAMINER INITIAL		DOC	UMENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	TRANSLATION		
INTITAL	1	1							Yes No		
-	AL								Yes		
	AM								No Yes		
	AN	<u> </u>							No.		
	AO								Yes No		
	AP								Yes No		
			OTHER (	Including Author	r, Title, Date, Pertin	ent Pages, etc.	)				
112	AR	15	Ruth J. e	t al . "DNA Affi	nity Supports Using Mo 22, Abstract 7088 (198	odified Oligonu		s Attached	to Nylon <sub>.</sub>		
M	AS	<u>15</u>	filter hybr	, and Rhoads, R. idization, seque -8551 (1989)	E., "A computer progr encing and <i>in vitro</i> amp	am for choosing olification of	optimal DNA," <i>Nu</i>	oligonucle cleic Acids	otides for Res.		
12	АТ	15	Moloney Mur	thwartzberg, P., et al., "Construction and Analysis of Deletion Mutations in the pol Gene of Delene Murine Leukemia Virus: A New Viral Function Required for Productive Infection," Cell 7:1043-1052 (1984)							
EXAMINER			111-			DAT	E CONSID	ERED 5/13	19.1		
EXAMINER: In	nitial i	f refer	ence consider	red, whether or r	not citation is in con Lude copy of this form	formance with M	PEP 609	. Draw line	through ant.		

Page 16 of 20

		<b></b>			ATTY. DOCKET NO. 0654.0630002		CATION NO. 59,847			
		FORM F	PTO-1449		APPLICANT					
<u>I N</u>	FORMAT I	ON_DIS	CLOSURE STATE	MENT	HAN et al. FILING DATE	GROUF	· · · · · · · · · · · · · · · · · · ·			
	· · · · · · · · · · · · · · · · · · ·				April 30, 1998	1634	·			
	,	-		U.S.	PATENT DOCUMENTS		<u> </u>	<u> </u>		
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
	AA	<u> </u>	,							
	AB	<del>                                     </del>				_				
	AC	<del> </del>				<del></del>		-		
	AD	╂								
	AE	-			100					
	AF									
	AG	<del> </del>				_				
	AH	+				+		-		
	AJ	╁──					***************************************			
	AK	+-								
	I AK			FORFIC	ON PATENT DOCUMENTS		<u></u>			
EXAMINER						SLASS	CUD CLASS	TRANSLATION		
INITIAL	<del> </del>	DOCL	MENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Yes		
	AL	ļ						No		
	AM							Yes No		
	AN							Yes No		
								Yes No		
	AO	_						Yes		
	AP	<u>.l</u>			<u> </u>			No		
			OTHER (	Including Author	, Title, Date, Pertinent Pages,	etc.)				
12	AR	<u>16</u>	Sherman, P. Escherichia 5123 (1990)	coli possesses s	A., "Human immunodeficiency vir elective DNA cleaving activity,	us integrat ," <i>Proc. Nat</i>	ion protein e 1. Acad. Sci.	xpressed in USA 87:5119-		
12	AS	<u>16</u>	Smith, J.S. Virus Type	Smith, J.S., et al., "Analysis of Long Terminal Repeat Circle Junctions of Human Immunodeficiency Virus Type 1," J. Virol. 64:6286-6290 (1990)						
1	АТ	<u>16</u>	Spencer, R. Measurement	D., and Weber, G s of Fluorescence	., "Influence of Brownian Rotat e Lifetime," <i>J. Chem Phys: 52(4</i>	ions and En ):1654-1663	ergy Transfer (1970)	upon the		
EXAMINER	1		21172			DATE CONS	IDERED 5	pp-		
EXAMINER: Ini	tial if	refer	ence consider	red, whether or no	ot citation is in conformance w ude copy of this form with next	ith MPEP 60	9. Draw line	through		

				10 To	ATTY. DOCKET NO. 0654.0630002		APPLICA 09/069,	TION NO.	Page 17 of 20	
		FORM	PTO-1449		APPLICANT		097009,	041		
<u> 1 N</u>	FORMAT	ION DIS	CLOSURE STATE	MENT	HAN et al.					
					FILING DATE GROUP April 30, 1998 1634					
				U.S	S. PATENT DOCUMENTS					
EXAMINER										
INITIAL	1	DOCL	MENT NUMBER	DATE	NAME	CLA	ss	SUB-CLASS	FILING DATE	
	AA AB								.4.7	
	AC								****	
	AD				•			<del> </del>	-	
	AE							-		
	AF									
	AG									
	AH	<u> </u>		<u> </u>						
	AI		· · · · · · · · · · · · · · · · · · ·							
	AJ									
	AK			FORE	IGN PATENT DOCUMENTS		1	_		
EXAMINER INITIAL		DOCI	JMENT NUMBER	DATE	COUNTRY	CLA	ıss	SUB-CLASS	TRANSLATION	
	<u> </u>								Yes	
	AL	-	<del></del>						No Yes	
<u></u>	AM								No Yes	
	AN	<u> </u>							No Yes	
	AO	-							No Yes	
	AP				or, Title, Date, Pertinent Pag			<del>-</del>	No	
111	AR	17		and Haugland,	R.P., "Energy transfer: a spe			" Proc. Nat	t1. Acad. Sci.	
12	AS	17	Stryer, L., 846 (1978)	"Fluorescence	energy transfer as a spectros	scopic rul	er," <i>Ann</i>	n. Rev. Biod	chem. 47:819-	
OK	AT	17	cloned DNA	sequences." in	of synthetic Oligodeoxyribonu ICN-UCLA Symposium in Developm , Inc., New York, pp. 683-693	ment of Bi	for the ology Us	e isolation sing Purifie	of specific ed Genes,	
EXAMINER			112			DATE	CONSIDE	RED 5/	ske	
EXAMINER: Ini	tial if	f refer	ence consider	ed, whether or	not citation is in conformance lude copy of this form with r	ce with MP	EP 609.	Draw line	through	

•

Page 18 of 20

										Fage 18 01 20
					ATTY. DOCKE 0654.063000			APPLIC 09/069	ATION NO.	
		FORM I	PTO-1449		APPLICANT					
11	NEORMAT I	ON DIS	CLOSURE STATE	<u>MENT</u>	HAN et al.					
					FILING DATE April 30, 1			GROUP 1634		
				U.S.	PATENT DOCUM	ENTS				
EXAMINER										
INITIAL	1	DOCU	MENT NUMBER	DATE	NAME		CLA	iss	SUB-CLASS	FILING DATE
	AA	-					+			
	AB AC					. **	<del> </del>		-	<u> </u>
	AD								<del> </del>	
	AE	<del> </del>	<del></del>							
	AF							<del></del>		
	AG	1	······································			· · · · · · · · · · · · · · · · · · ·	<del>                                     </del>			
	АН									
	AI									
	AJ							•		
	AK									
				FOREI	ON PATENT DOCU	MENTS				
EXAMINER		DOC!	MENT NUMBER	DATE	COUNTRY			cc	CUR CLACC	TRANCI ATTON
INITIAL		DOCU	MENT NUMBER	DATE	COUNTRY		CLA	.55	SUB-CLASS	TRANSLATION Yes
	AL						ļ			No No
	АМ									Yes No
	AN									Yes No
	AO							•		Yes . No
	AP									Yes No
	] Ar		OTHER (	Including Author	Title Date	Pertinent Pages,	etc )			
	П		OTHER C	metaling Author	, Titte, Date,	rerement rages,	,			
pr	AR	<u>18</u> `	Takahashi, M activity," /	<b>1.,</b> et al. <b>, "Use</b> Anal. Biochem. 198	of a fluoresce β:246-249 (199	ent DNA analog for 1)	fluoi	rometric	detection	of DNase
n	AS	<u>18</u>	Covelently A	Attached Molecula	r Labels: Com	cerization of DNA Coarison of Biotin, easurements," <i>J. An</i>	Fluo	rescein	, and Pyrene	Labels by
12	АТ	18	Terry, R., 6 Produced in	et al., "Properti Escherichia coli	es of Avian Sa ," J. Virol. 6	arcoma-Leukosis Vir 2(7):2358-2365 (198	rus pp 38)	o32-Rela	ated <i>pol-</i> End	ionucleases
EXAMINER			11-4				DATE	CONSIDE	RED 5/3	13
						in conformance wit				
Citation II No	. III Con	, or man	ce and not co	maidered. Hiclu	ac copy or th	IS TOTAL WITH HEXT C	- Untille	II Cation	. to Apperca	

		FORM P	то-1449		ATTY. DOCKET NO. APPLICATION NO. 0654.0630002 09/069,847					
				MENT	APPLICANT HAN et al.					
<u>IN</u>	FORMATIC	JN DISC	CLOSURE STATE	PICNI	FILING DATE April 30, 1998		GROUP 1634			
				u.s	. PATENT DOCUMENTS		1	-T		
EXAMINER INITIAL		DOCU	MENT NUMBER	DATE	NAME		CLASS	SUB-CLASS	FILING DATE	
	AA	ļ					<u> </u>			
	AB									
	AC	-		ļ			ļ			
	AD	<del> </del>					ļ	<del></del>		
	AE	╁──					<del> </del>			
	AF	-								
	AG AH	<del>                                     </del>								
	AI									
	AJ									
	AK									
				FORE	IGN PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	COUNTRY		CLASS	SUB-CLASS	TRANSLATION	
									Yes No	
	AL	<del>                                     </del>							Yes	
	АМ	-							No Yes	
	AN	-			<u> </u>				No Yes	
	AO	ļ			<del>                                     </del>		<u> </u>		No Yes	
	AP								No	
			OTHER	(Including Autho	or, Title, Date, Pert	inent Pages,	etc.)			
112	AR	<u>19</u>	Varmus, H., American So	and Brown, P., ociety for Micro	"Retroviruses," in / biology, Washington,	Mobile DNA, Be	erg, D.E., -108 (1989)	and Howe, M.	M., eds.,	
n	AS	19	Endonucleas	R., and Connolly ses Using Synthe 14:204-209 (1992	, B.A., "Continuous stic Oligodeoxynucleo")	Spectrophotom tides and Bas	etric Assay ed on the I	y for Restric Hyperchromic	etion Effect," Anal.	
02	AT	19	Wilson, G.J amyoliquefa	A., and Young, Faciens H." J. Mo	., "Isolation of a S 1. Biol. 97:123-125 (	equence-speci 1975)	fic Endonu	clease ( <i>Bam</i> l)	form Bacillus	
EXAMINER			1/2				DATE CONST	DERED 5/	13/2	
EXAMINER: Ini	tial if	refer	ence conside	red, whether or	not citation is in c	onformance Wi	th MPEP 60	9. Draw line	e through	
citation if no	t in co	ntorma	nce and not	considered. Inc	lude copy of this fo	I'M WIENT	- Julianian i Gal	pp		

Page 20 of 20

						· · · · · · · · · · · · · · · · · · ·			Page 20 01 20
					ATTY. DOCKET NO. 0654.0630002	·	APPLIC 09/069	ATION NO. ,847	· •
·			РТО-1449		APPLICANT HAN et al.				
<u>11</u>	NFORMATI	ON DIS	CLOSURE STATE	<u>EMENT</u>	FILING DATE April 30, 1998	·	GROUP 1634		
				U.	S. PATENT DOCUMENTS				
EXAMINER			MENT NUMBER	DATE	NAME	CL	ASS	SIIR-CI ASS	FILING DATE
INITIAL	AA	DOCU	MENT NUMBER	DATE	NAPIE		100	JOB CLASS	TIETHO DATE
	AB	†							
	AC								
	AD								
1148	AE								
	AF								
	AG						-		
	АН								
	AI								
	AJ		****						
	AK								
		Т		FORI	EIGN PATENT DOCUMENTS	····		1	T
EXAMINER INITIAL		DOCL	JMENT NUMBER	DATE	COUNTRY	CL	ASS	SUB-CLASS	
	AL								Yes No
	АМ								Yes No
	AN								Yes No
	AO		,,,,,						Yes No
	AP								Yes No
	I AF		OTHER (	Including Auth	or, Title, Date, Pertin	nent Pages, etc.	)		J., .,
92	AR	<u>20</u>		Brand, L., "Re	esonance Energy Transfe	-		ions," Anal	. Biochem.
	AS								
	AT		·						
EXAMINER	<b>!</b>	N	112			DATE	CONSID	ERED S	dista
EXAMINER: Ini	tial if	refer	ence consider	red, whether or	not citation is in cor clude copy of this form	nformance with M	PEP 609.	Draw line	through

SHEET <u>1</u> OF <u>1</u>

INIE	END FON F	VICCI OC	LIDE	ATTORNEY'S DKT N 010091-035	0.	APPLICATION No. 09/069,847		
INFO	D NOTE AME		UKE	APPLICANT				
( M	CI₹ATI( Ar 0 4 1999 &)	ON		Myun Ki HAN et a	ii.	GROUP		
PAR	P. 50-144	19		April 30, 1998		1634		
Ÿ	ZEADEMIN SE	U.S	PATENT DO	DCUMENTS		T		
EXAMINER'S INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
12	5,800,996 👂	09/01/98	Lee et al.					
	5,210,015	05/11/93	Gelfand et	al.				
	5,547,861	08/20/96	Nadeau et a	al.				
	5,593,867	01/14/97	Walker et a	l				
	5,691,146 🏚	11/25/97	Mayrand		_			
	5,846,726 •	12/08/98	Nadeau et a	al.				
	5,716,784 0	02/10/98	Di Cesare					
	5,593,867	01/14/97	Walker et a	ıl.				
	5,550,025	08/27/96	Walker		_			
	5,525,711	06/11/96	Hawkins et	al.				
n	5,763,181	06/09/98	Han et al.					
		FORE	GN PATENT	DOCUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE	C	OUNTRY	CLASS	SUBCLASS	Translation Yes No	
112	WO 98/26093	06/18/98	Internation	al				
02	Hei 5-15439 €	03/01/93	Japan					
	OTHER DOCU	MENTS (Incl	uding Autho	r, Title, Date, Pert	inent Pag	jes, Etc.)		
EXAMINER	141	2	C	DATE CONSIDERE	D 5/	(3/59		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.